

TRANSMITTAL OF FORMAL DRAWINGS

Docket No.
POU920020018US1

In Re Application Of: Knop et al.

MAY 09 2002

Serial No.

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Batch No.

Examiner

Art Unit

10/077,051

February 15, 2002

2152

Invention: Method for Controlling Group Membership in a Distributed Multinode Data Processing System to Assure Mutually Symmetric Liveness Status Indications

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Washington, D.C. 20231

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Transmitted herewith are:

25 sheets of formal drawing(s) for this application.

Each sheet of drawing indicates the identifying indicia suggested in 37 CFR Section 1.84(c) on the reverse side of the drawing.

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Lawrence D. Cutter

Signature

Dated: MAY 2, 2002

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Reg. No. 28,501
IBM Corporation, IP Law Dept.
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Poughkeepsie, NY 12601

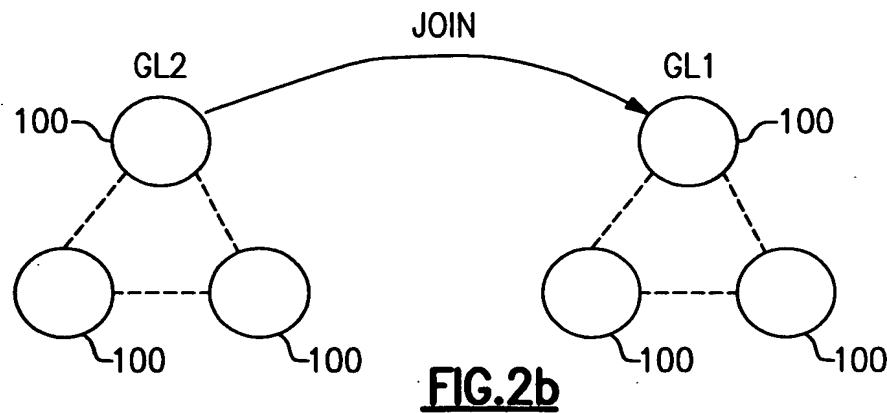
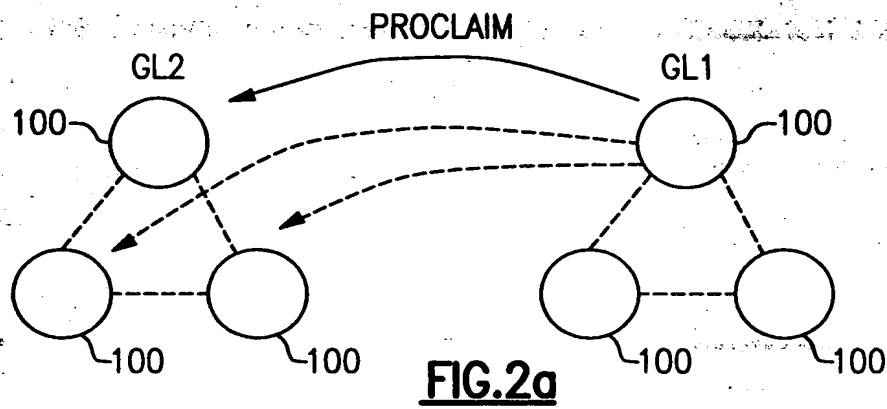
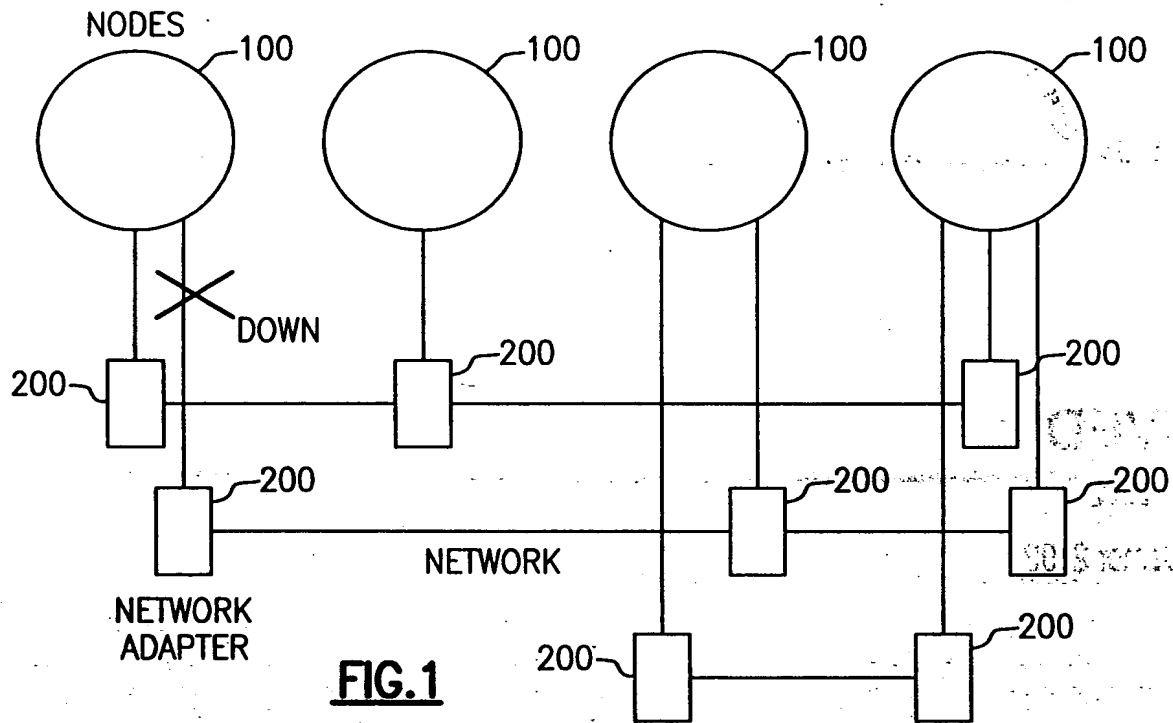
(845) 433-1172

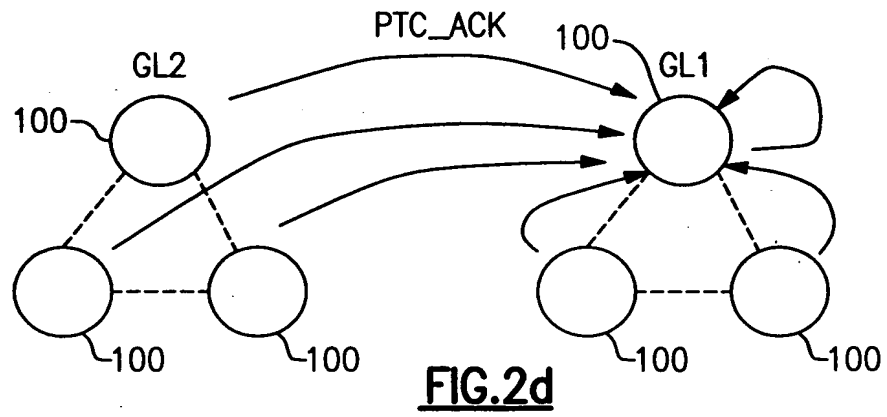
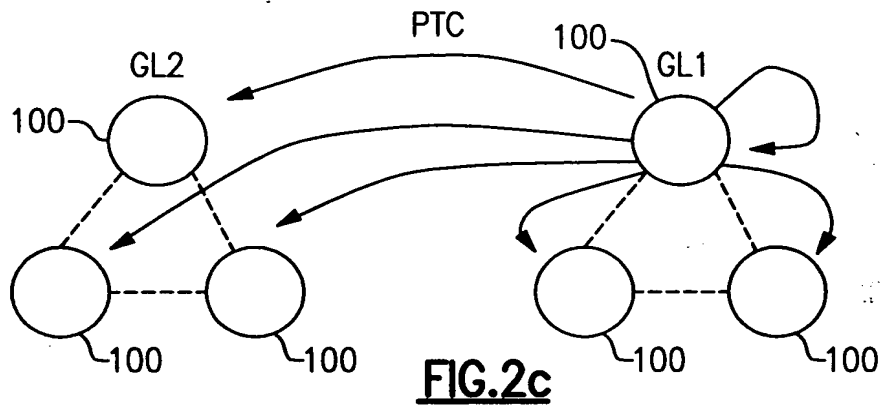
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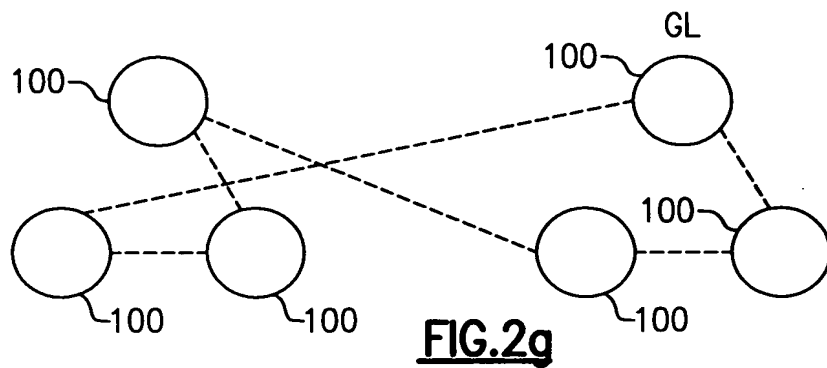
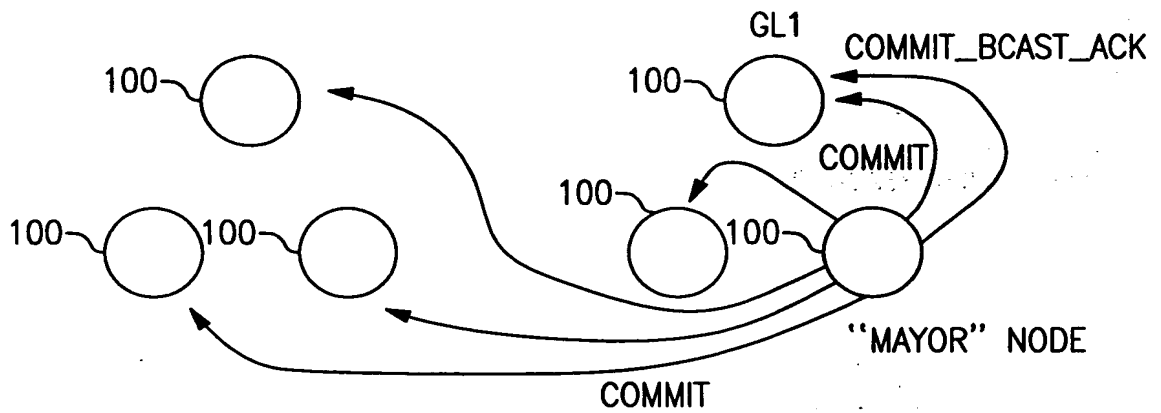
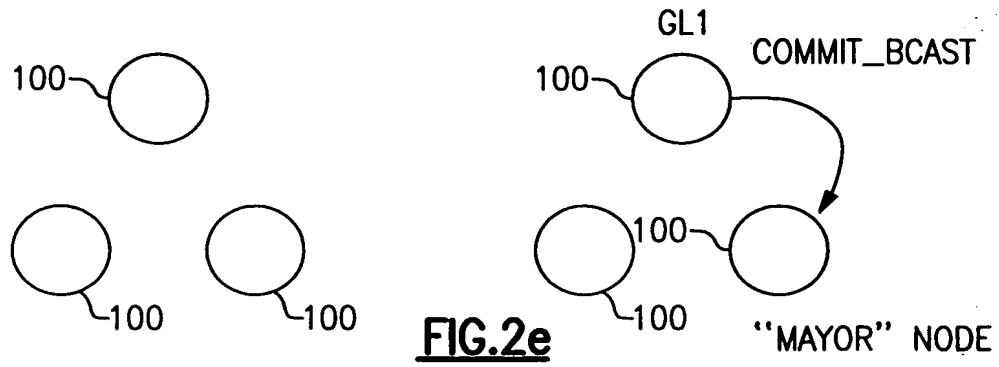
Susan Phelps
Signature of Person Mailing Correspondence

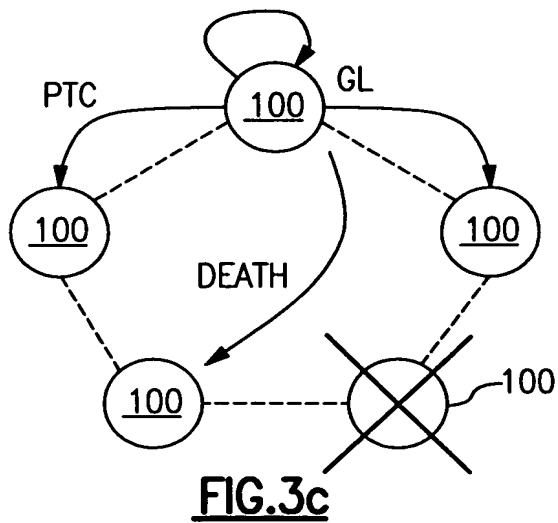
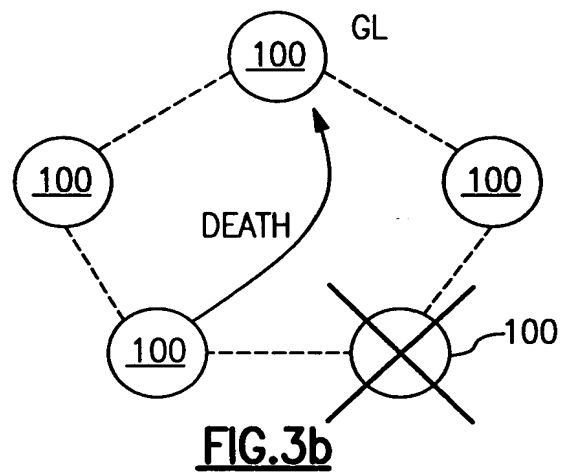
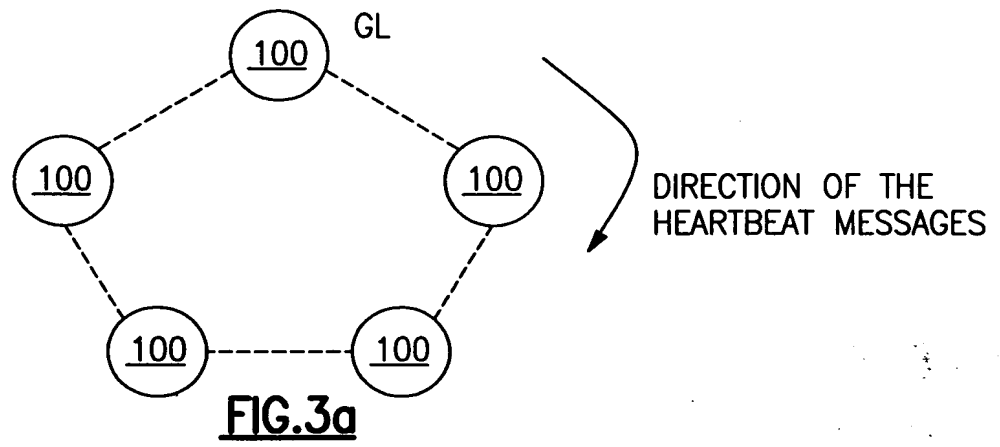
SUSAN L. PHELPS

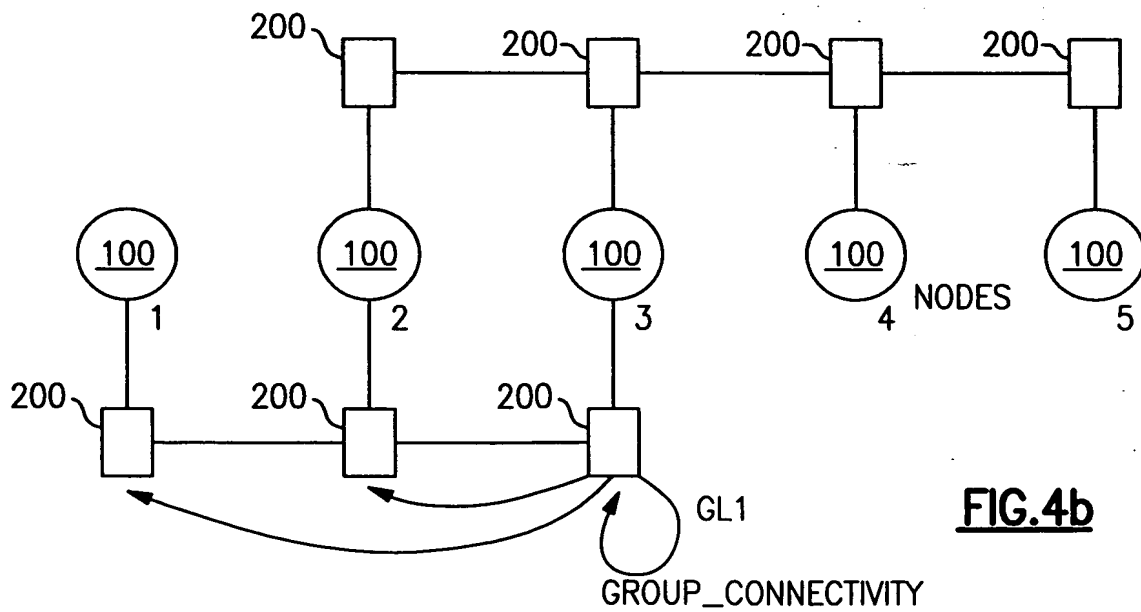
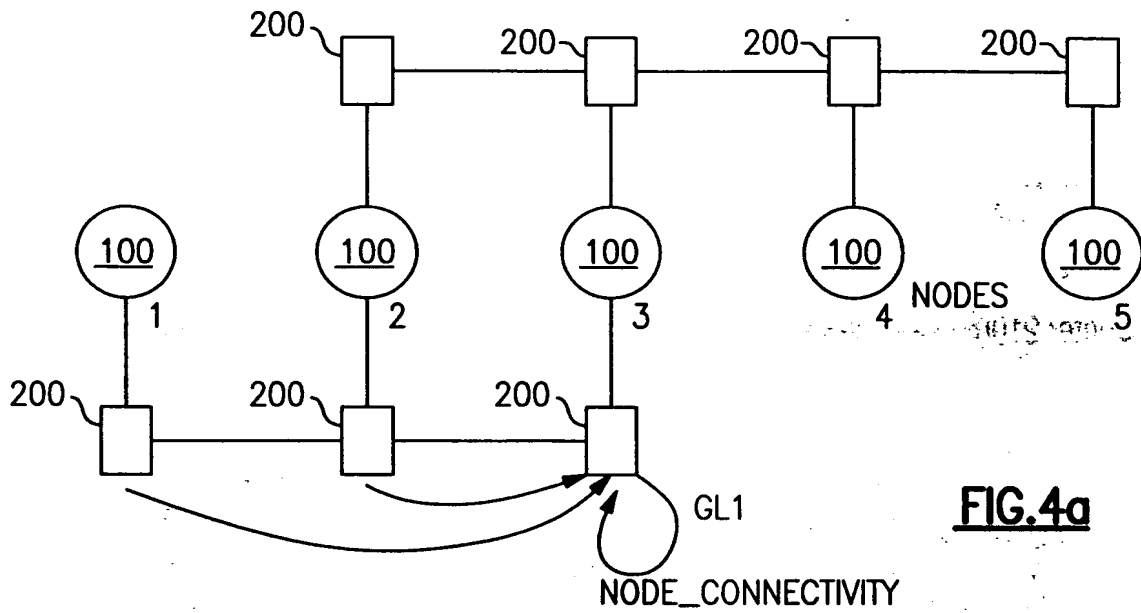
Typed or Printed Name of Person Mailing Correspondence











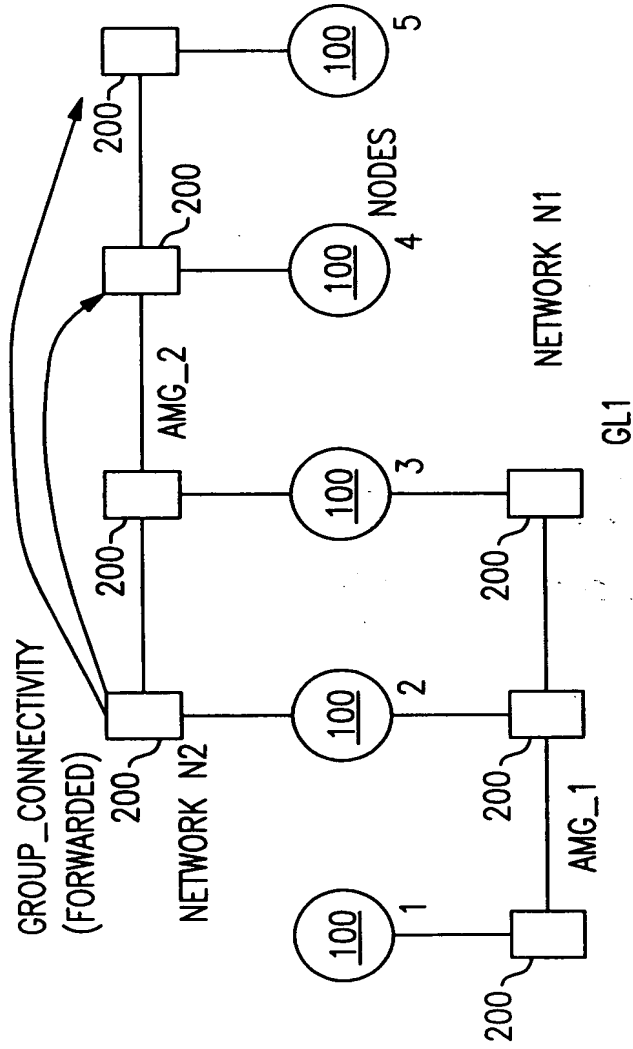


FIG. 4c

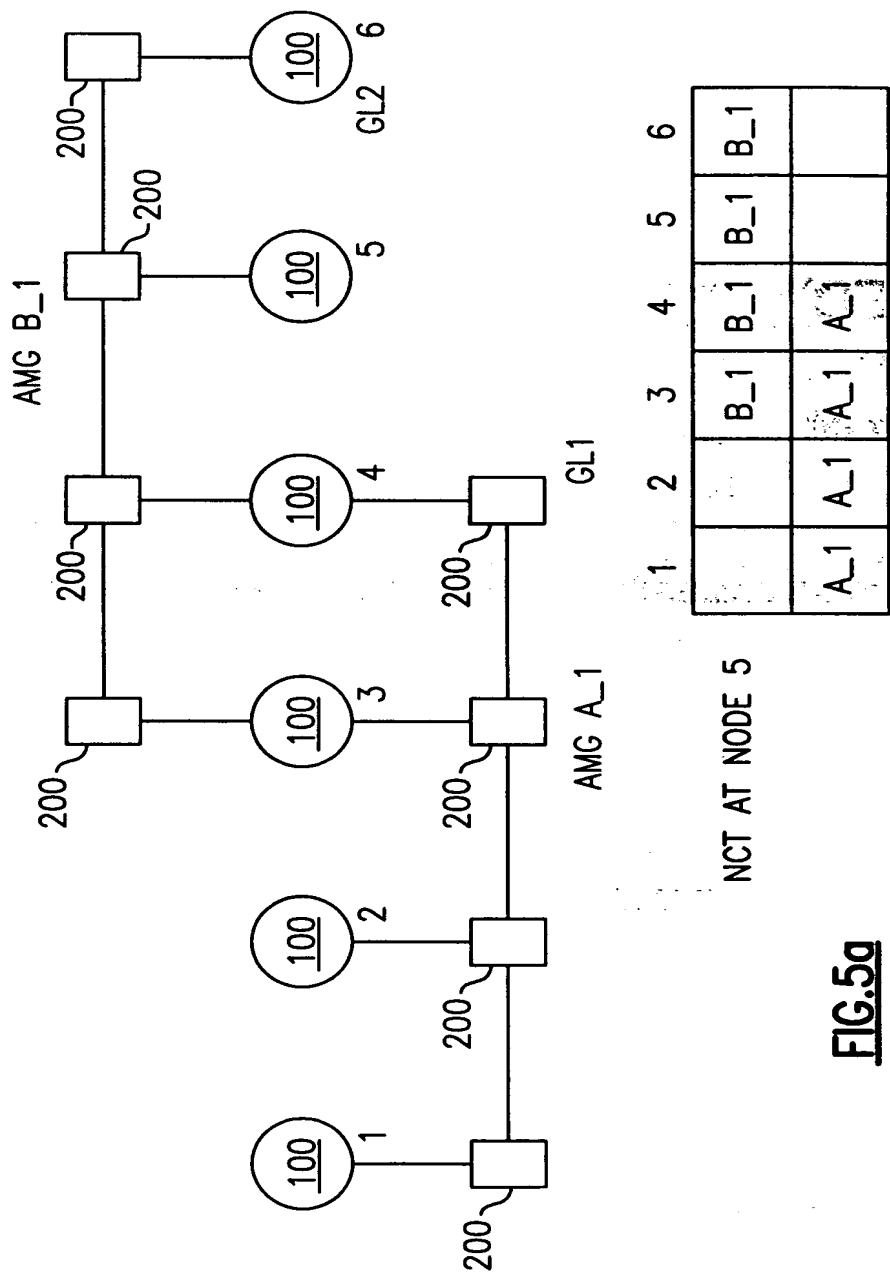
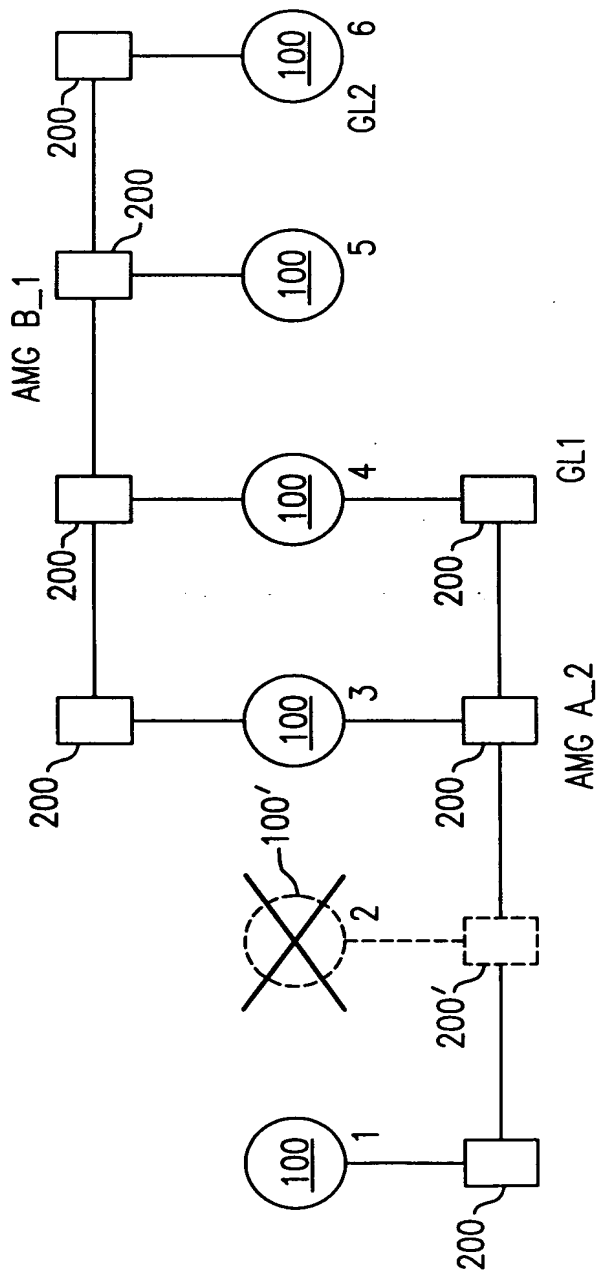


FIG.5a



1 2 3 4 5 6

			B_1	B_1	B_1	B_1
A_1	A_1	A_1	A_1			

NCT AT NODE 5

FIG.5b

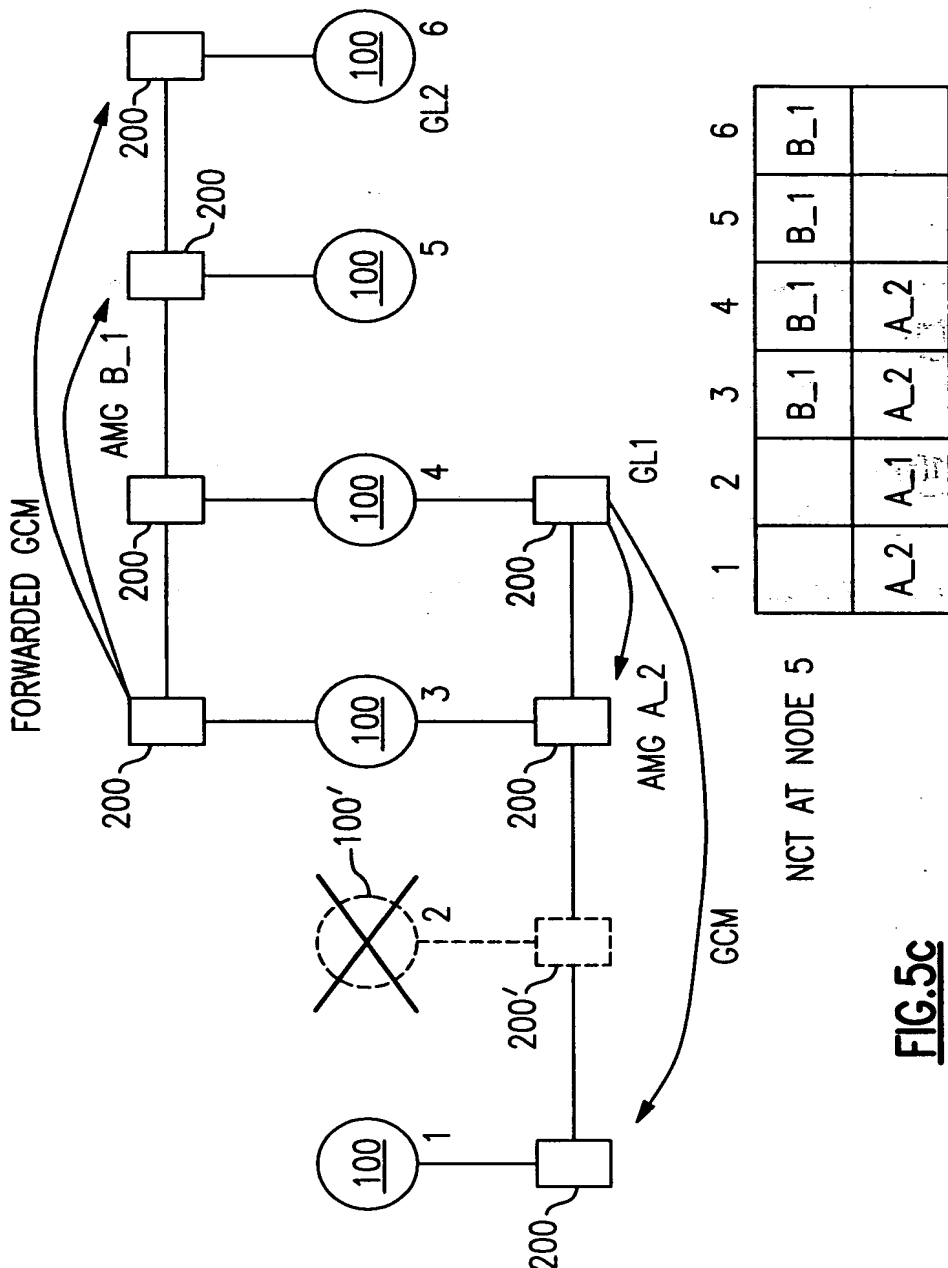


FIG.5c

NETWORK A: 10 SECONDS DETECTION TIME
NETWORK B: 40 SECONDS DETECTION TIME

NODES 1 AND 2 ARE FORMING AMG_s ON NETWORKS A AND B

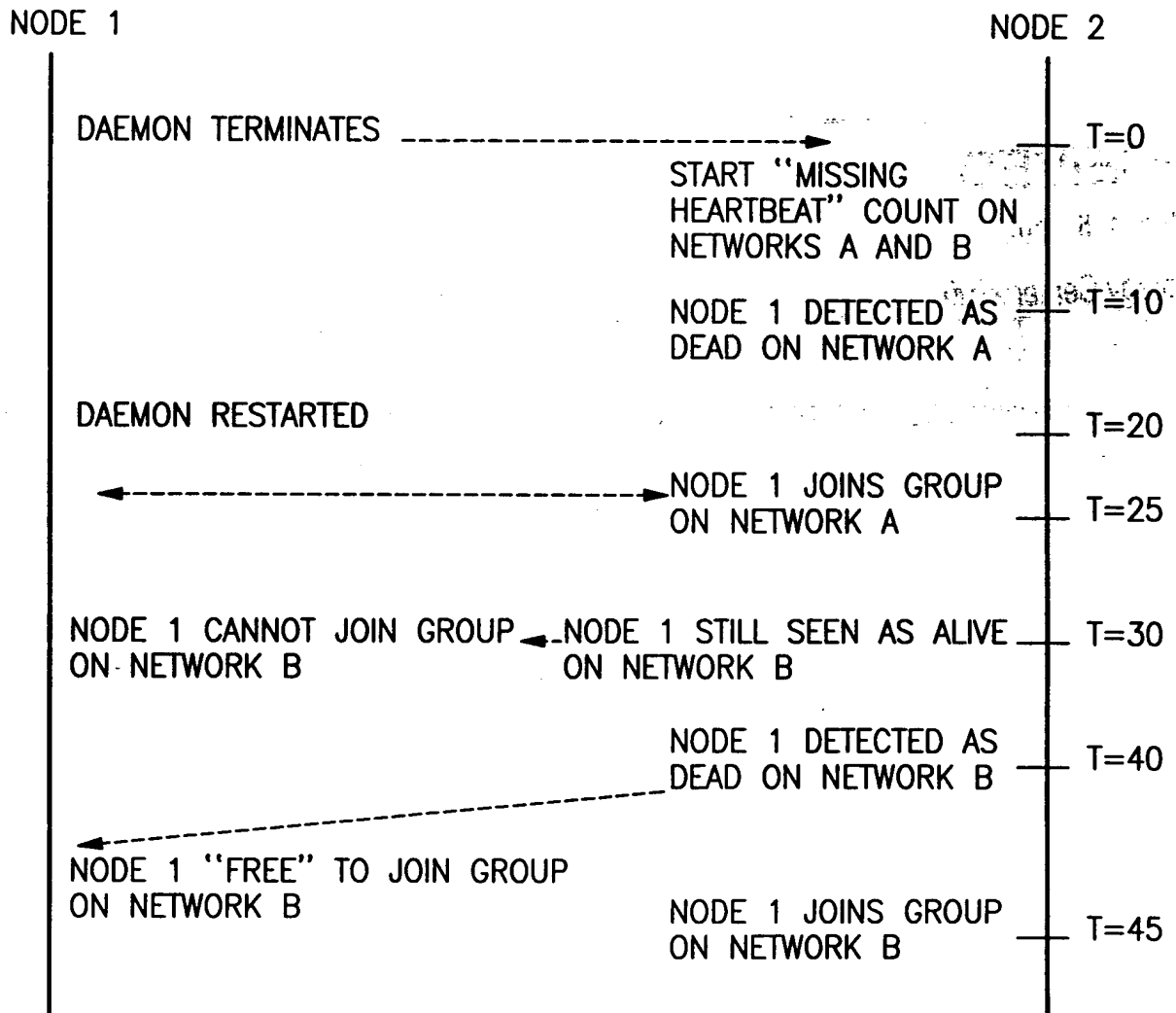


FIG.6

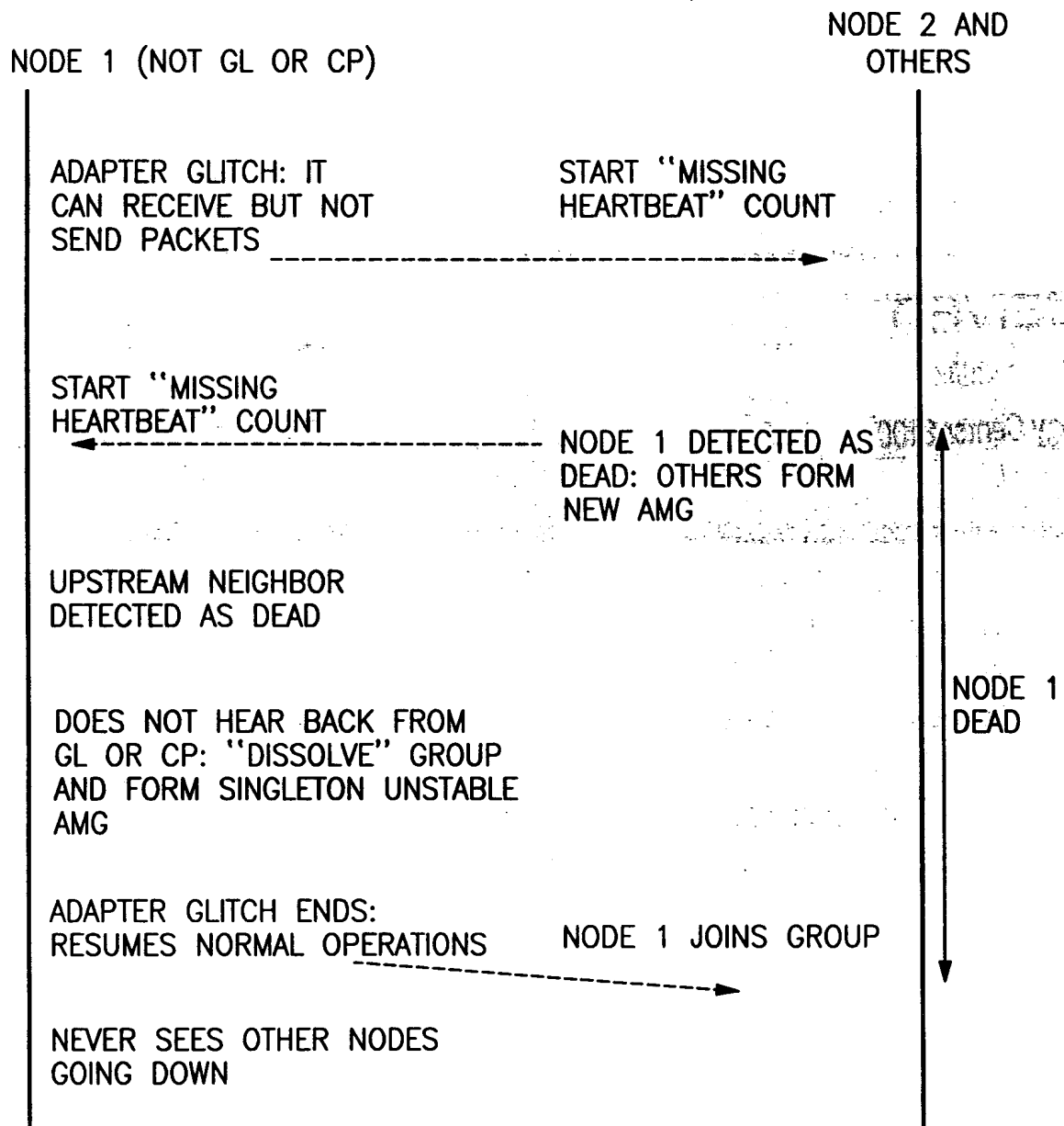


FIG.7

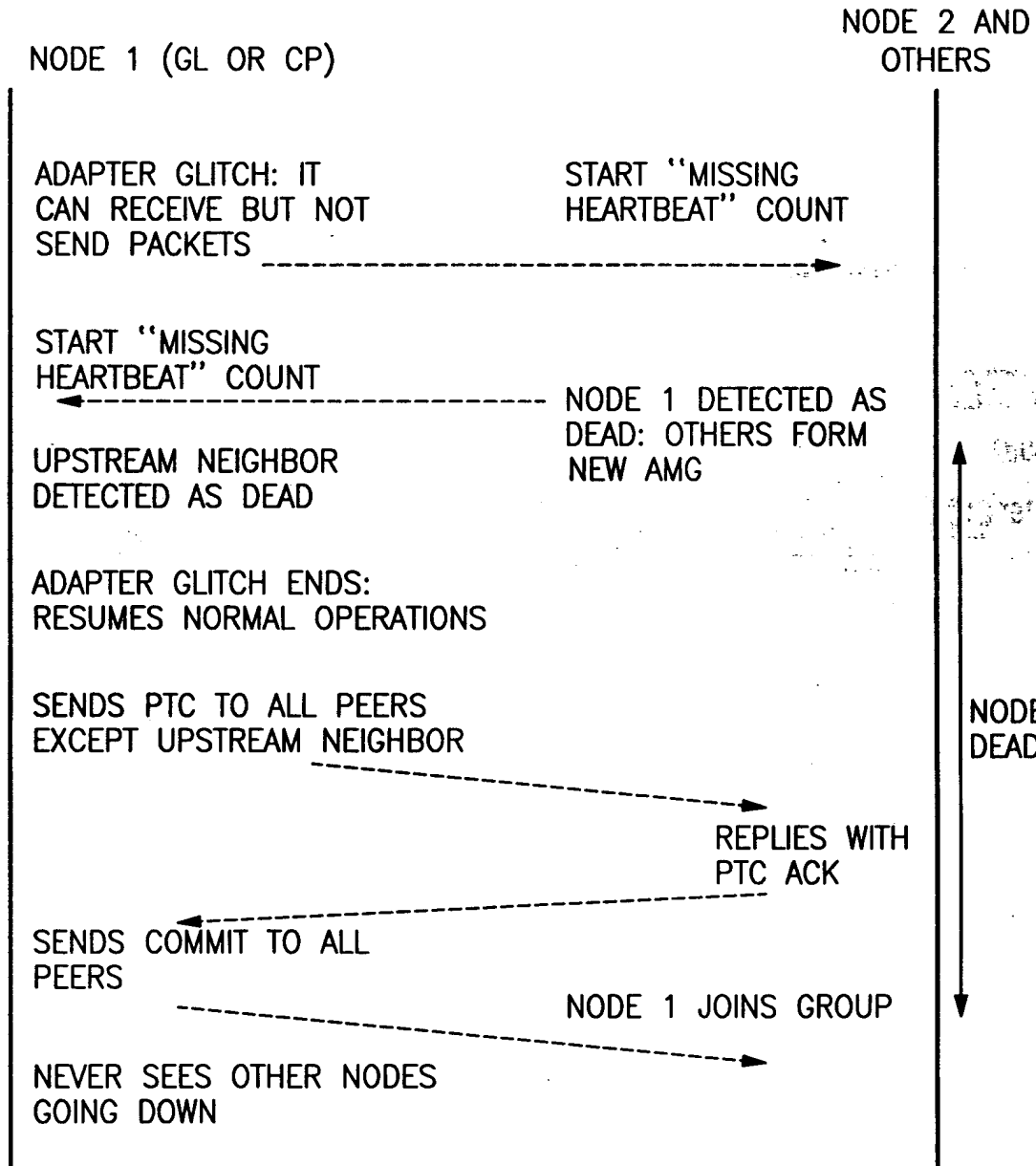


FIG.8

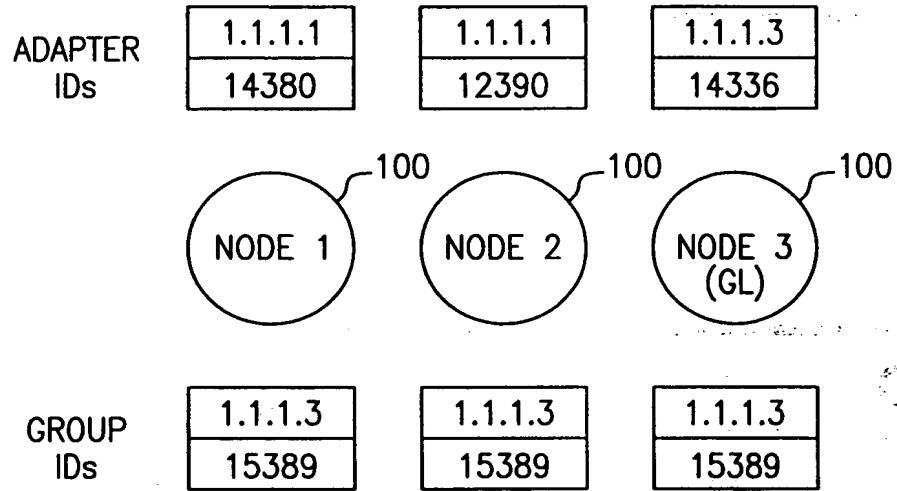


FIG.9

MESSAGE TYPE
SOURCE ADAPTER ID
SOURCE GROUP ID
DESTINATION ADAPTER ID
DESTINATION GROUP ID
PAYLOAD

FIG.10

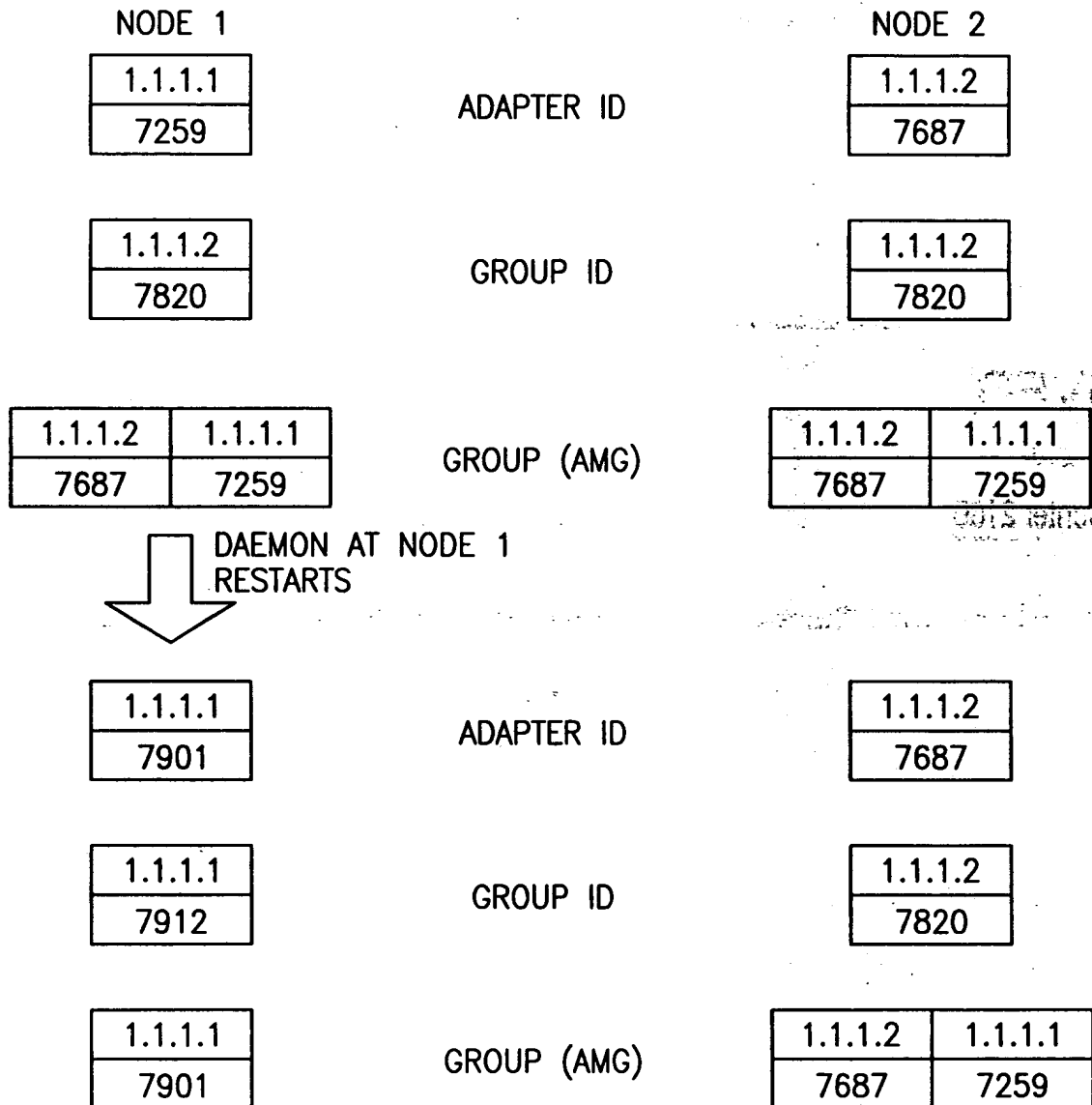
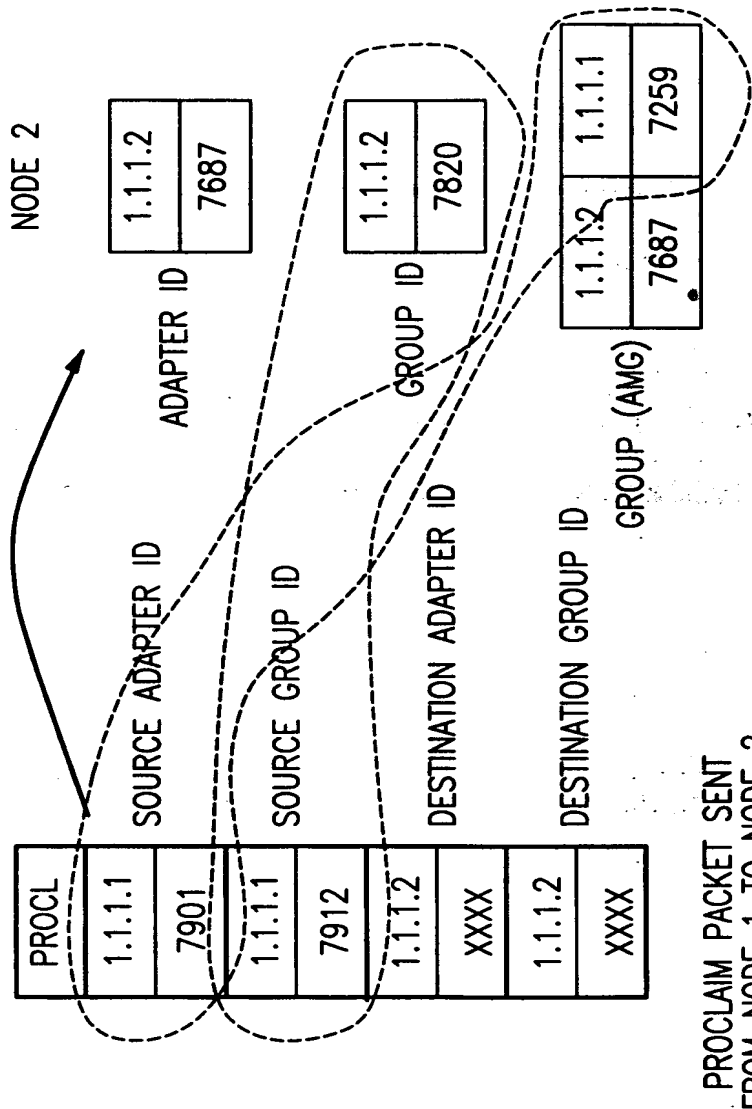
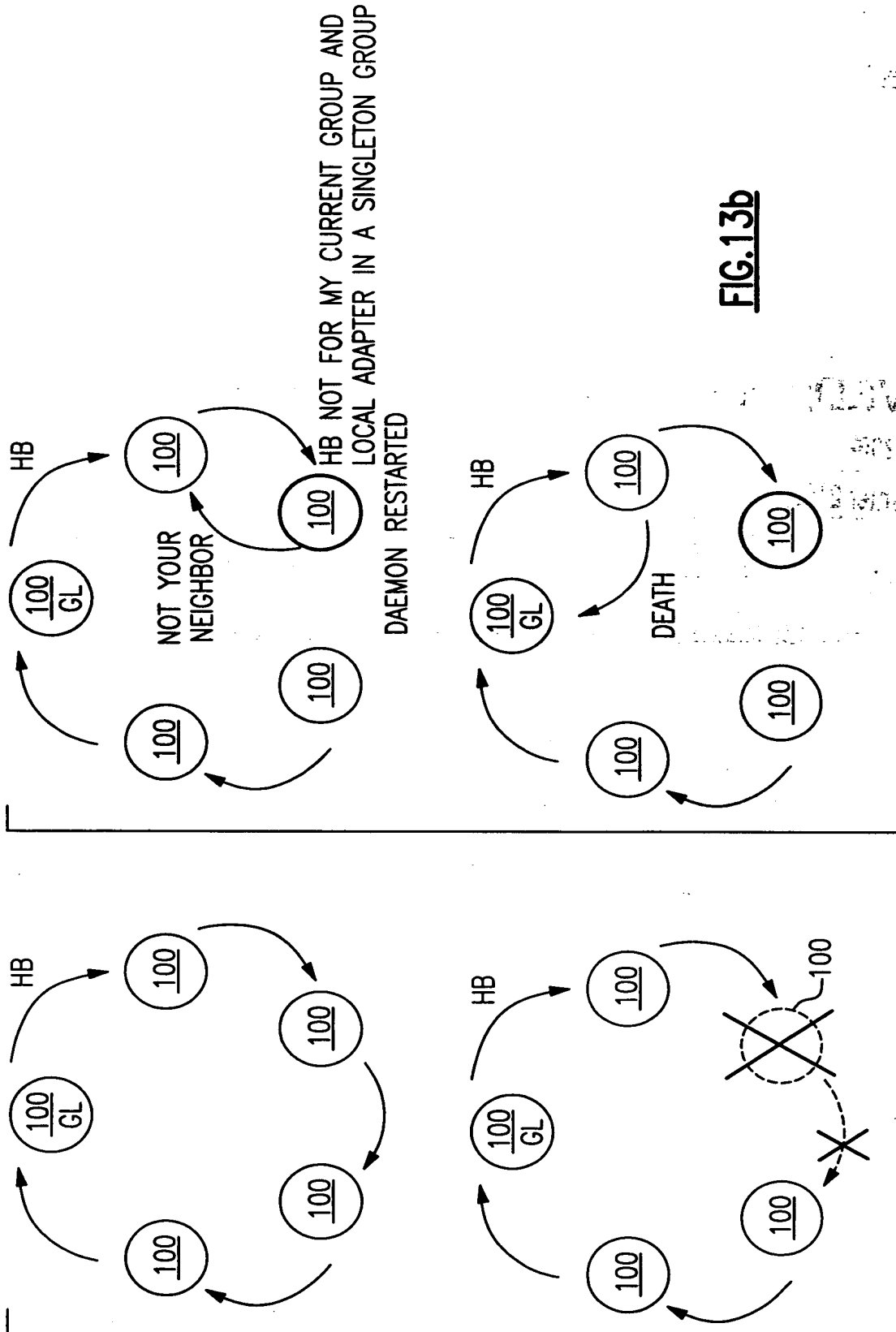


FIG.11



PROCLAIM PACKET SENT
FROM NODE 1 TO NODE 2

FIG.12



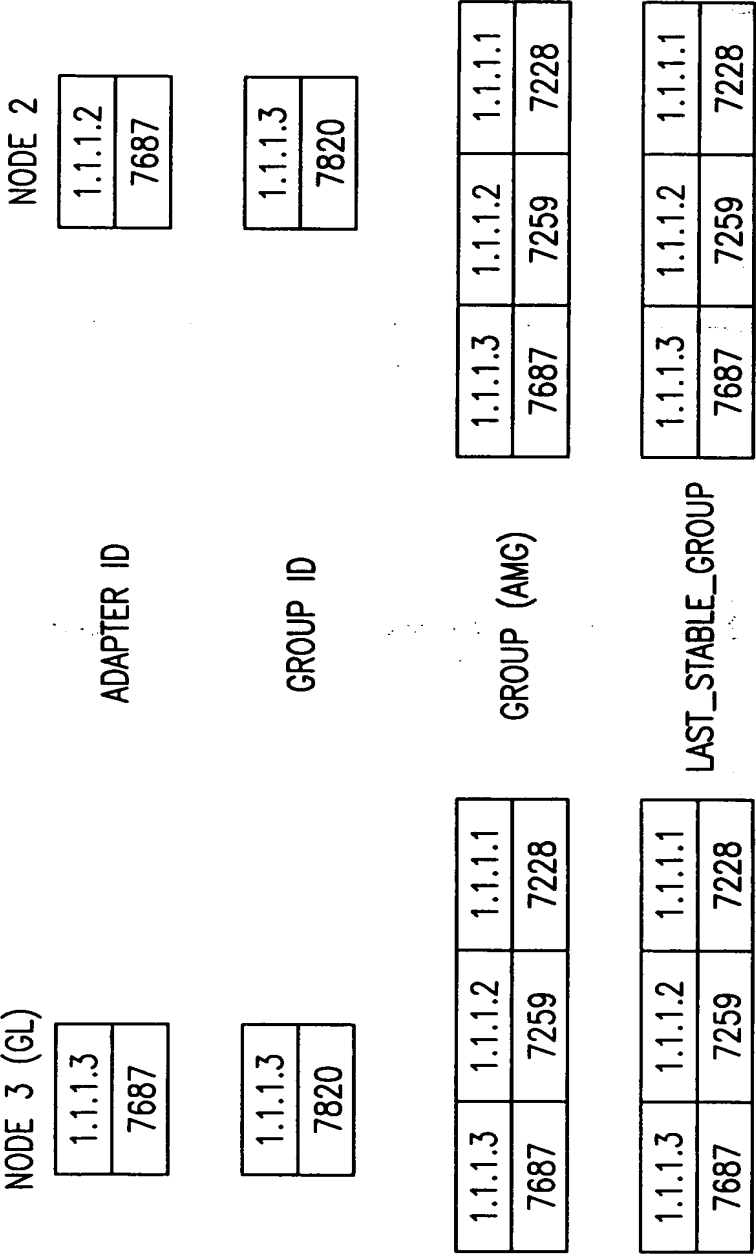


FIG.14a

COMMUNICATION GLITCH
IN NODE 3'S ADAPTER

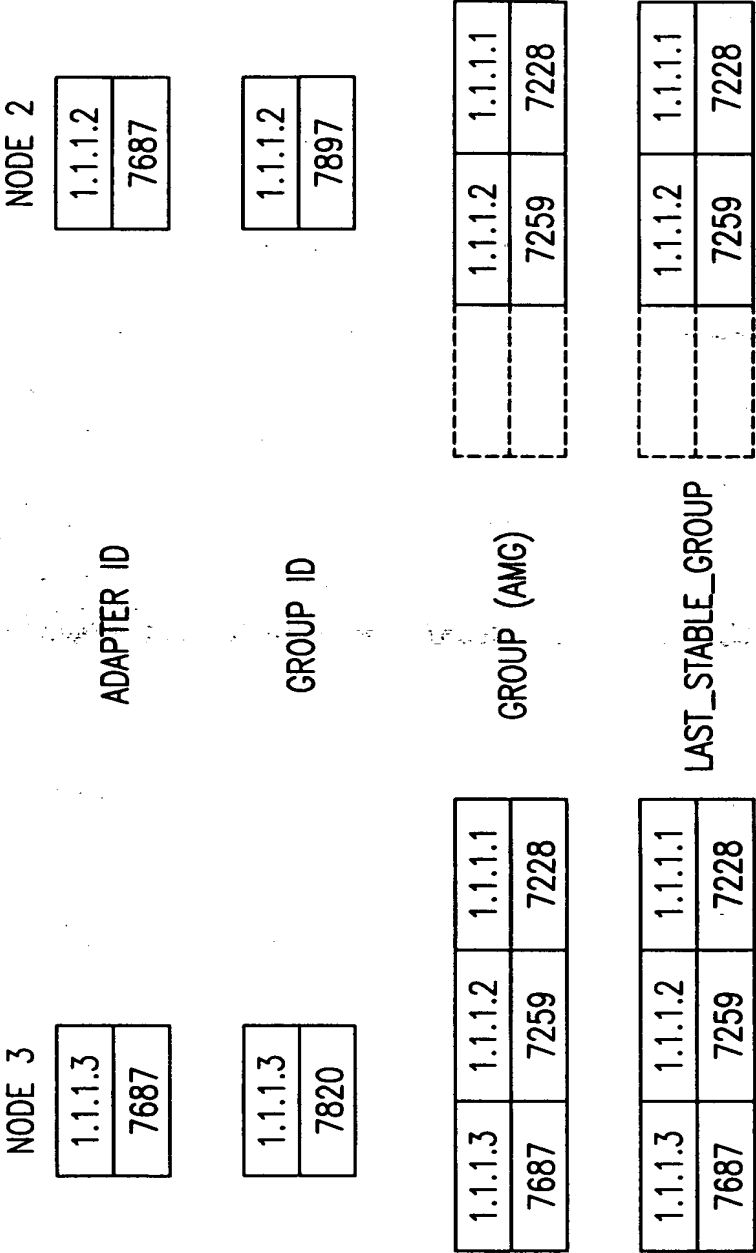


FIG.14b

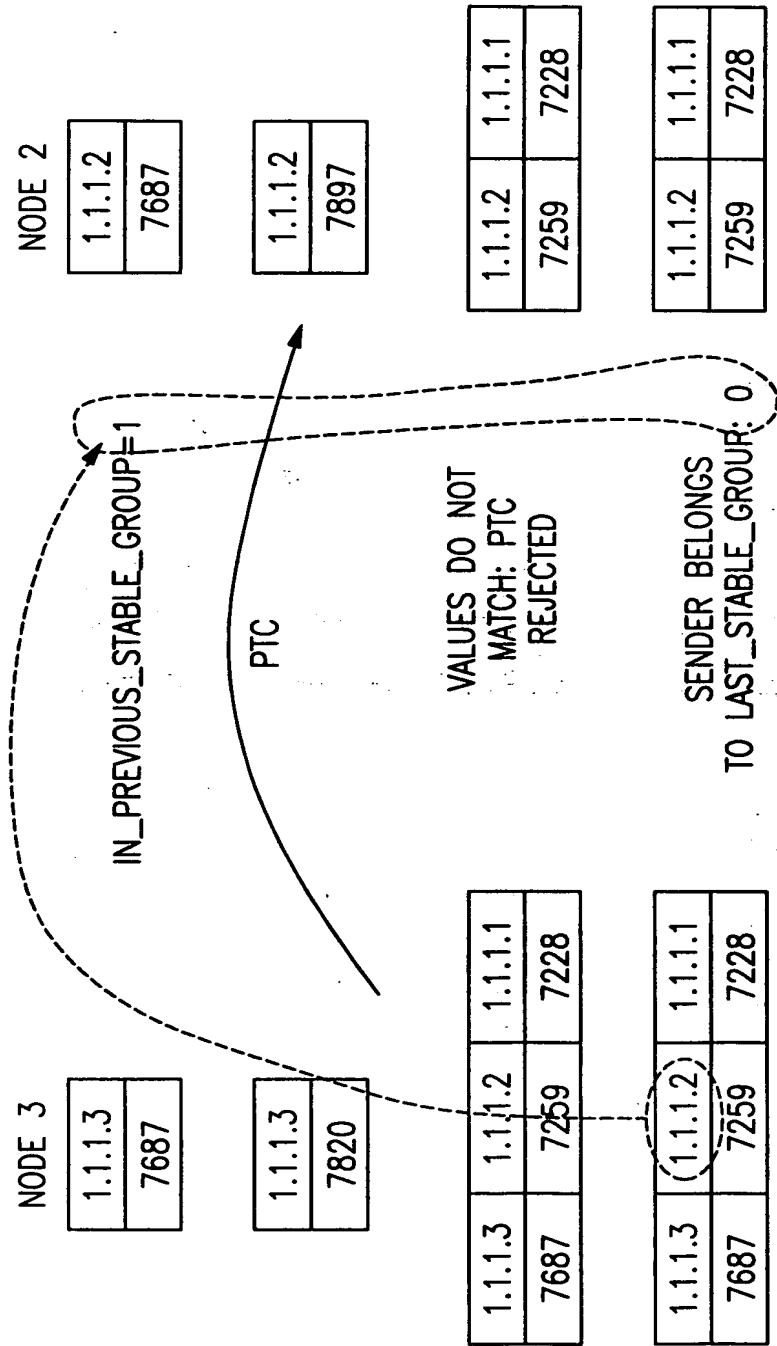


FIG.14c

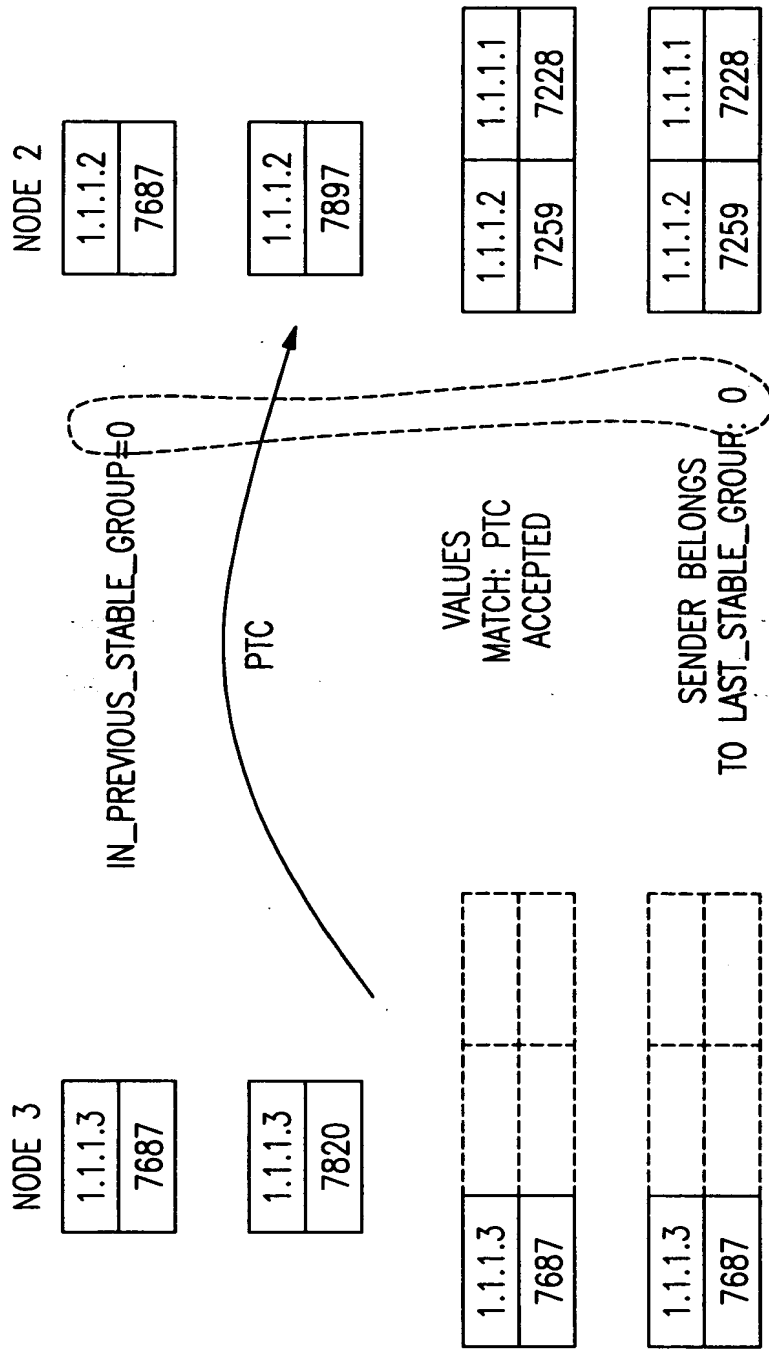
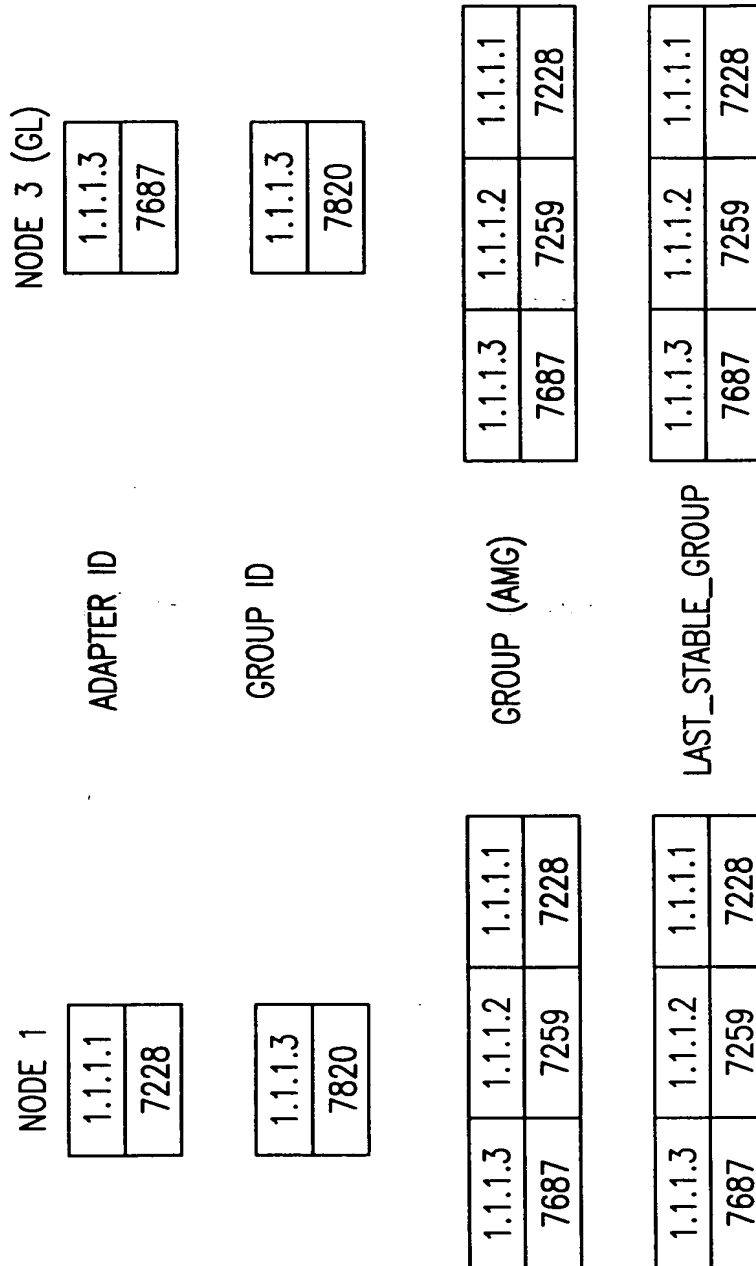


FIG.14d



COMMUNICATION GLITCH
IN NODE 1'S ADAPTER.

FIG.15a

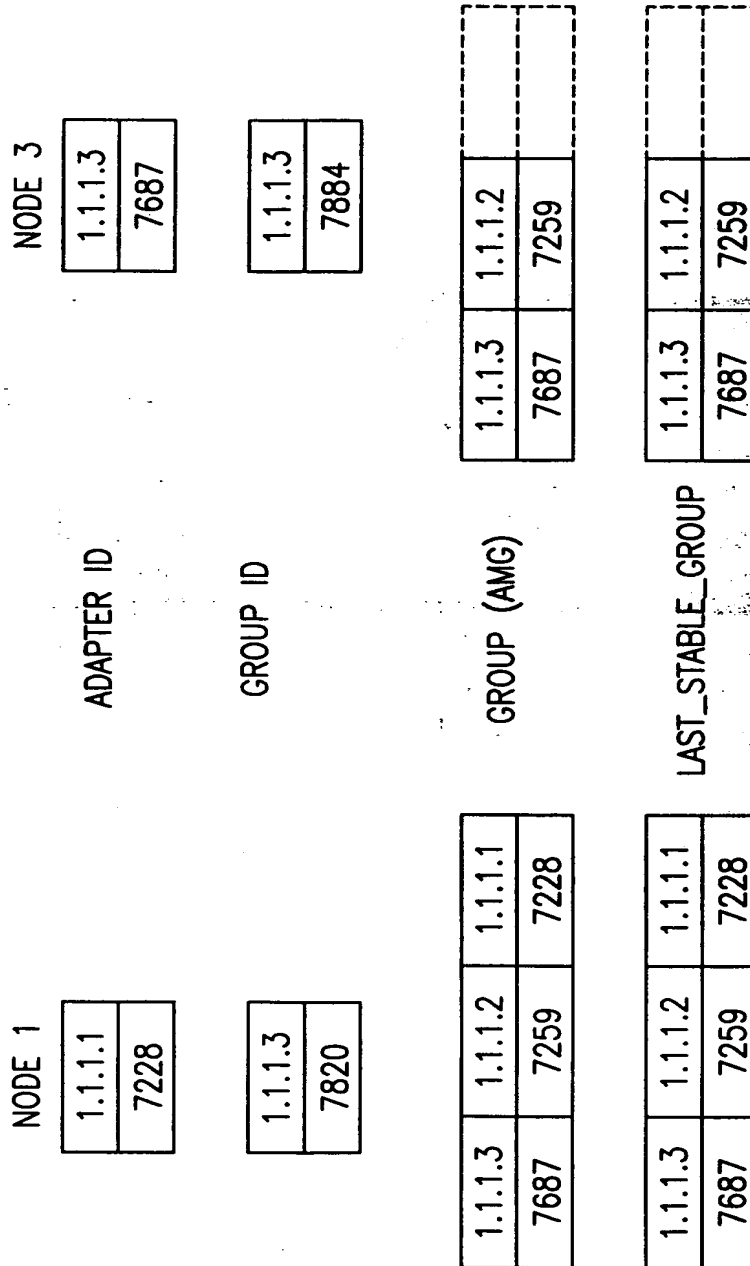


FIG.15b

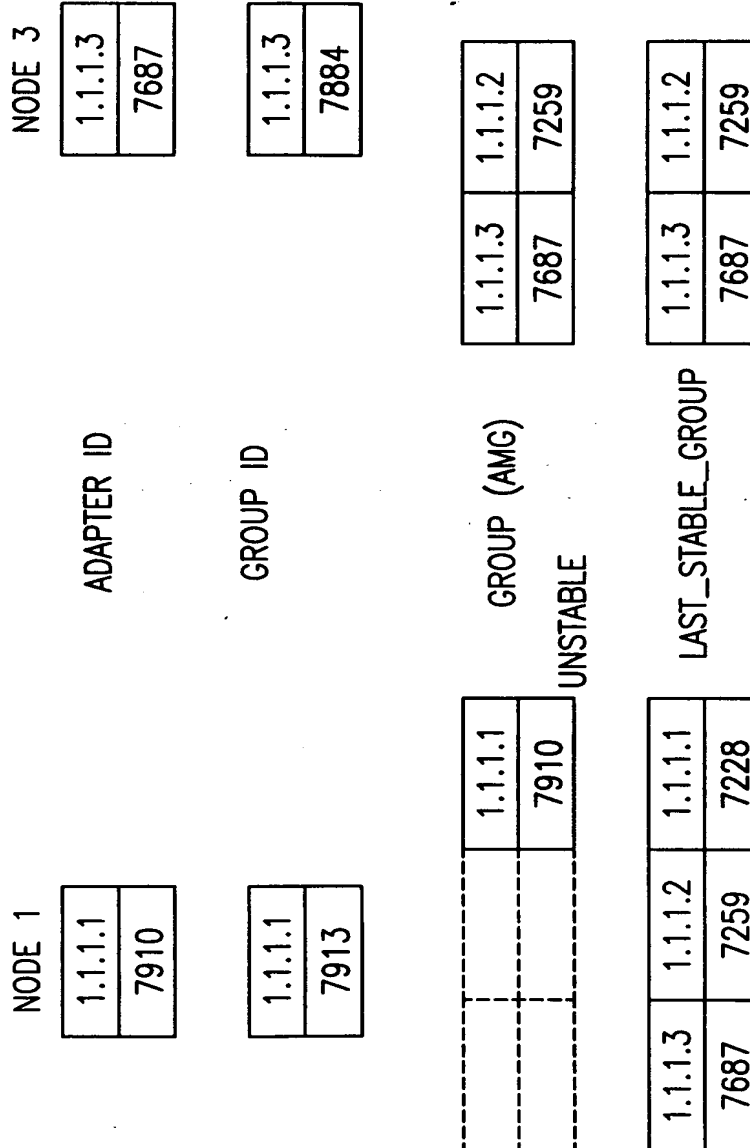


FIG.15c

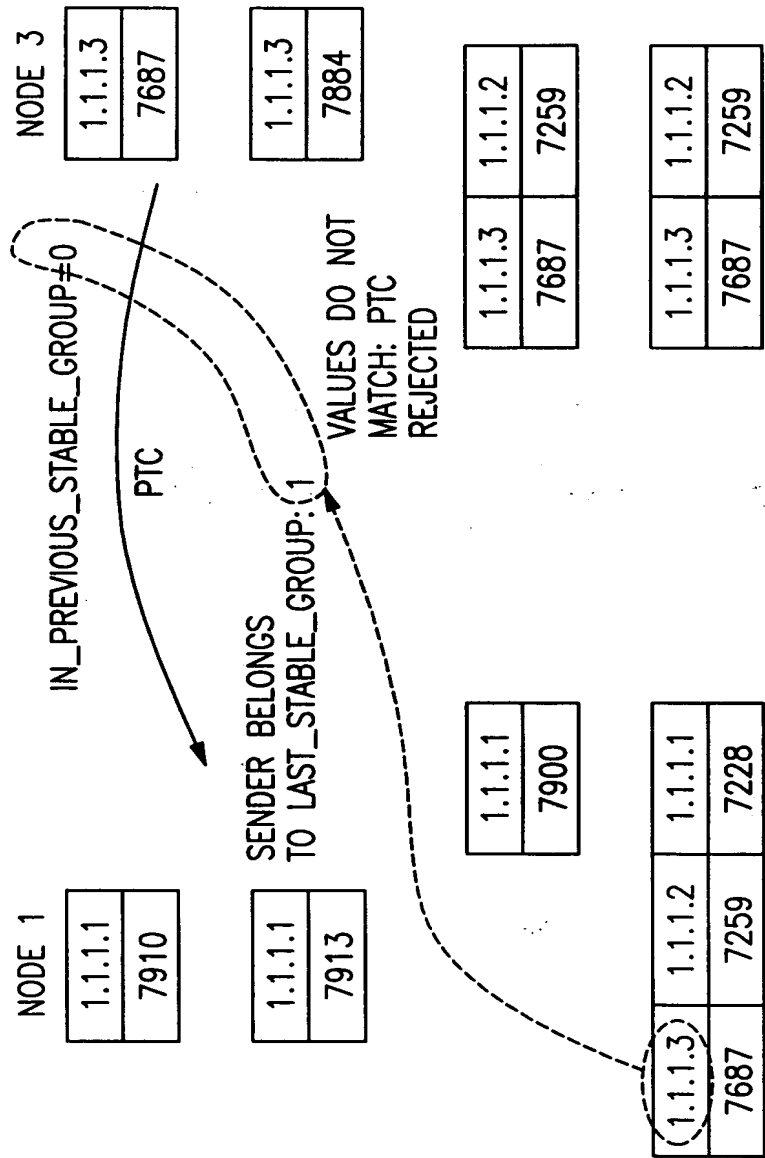


FIG.15d

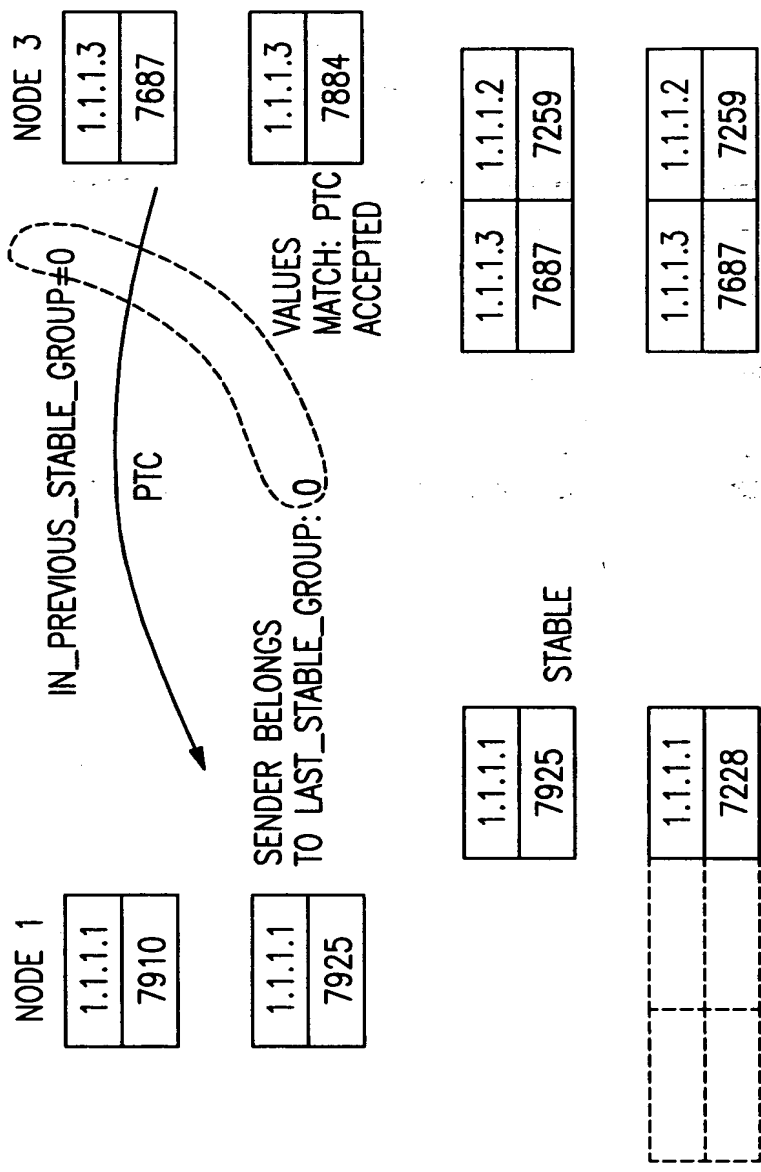


FIG.15e